(b) *Department of Posts :* Does not arise in view of (a) above.

Department of Telecommunications- :

The shortfall in respect of staff quarters at Jabalpur, Raipur and Gwalior is 20,116. and 54 respectively to achieve 14% satisfaction ratio,

(c) *Department of Posts :* Does not arise in view of (a) above.

Department of Telecommunications' . Shortfall is planned to be made up during 8th Five Year Plan period 1992—97

Introduction of Wireless Technology

1378. SHRI S. MADHBAN: Will the Minister of COMMUNICATIONS be pleased to state :

(a) what are steps taken to induct wireless technology into the Telecommunication net work ;

(b) what is the amount required for the induction of this new technology ;

(c) whether any foreign companies have offered to instal this technology in India;

(d) whether it is a fact that more telephone connections can be provided through this technology : and

(e) if so, what are the details thereof ?

THE MINISTER OF STATE OF THE MINISTRY OF COMMUNICATIONS (SHRI SUKH RAM) : (a) Wireless Technology is used at present in the Indian Telecom Network in long distance Transmission circuits. So far as the local subscriber loop is concerned no steps have been taken by the Department so far. The Long Distance Transmission Network using Microwave technology as well as satellite communication are wireless technologies.

(b) The amount required for wireless loop in local network is presently not available since it has not been introduced in India to far.

(c) As mentioned earlier the long distance circuits using wireless technology is being manufactured in India, and as far as local wireless loop is concerned a company by name USWEST has offered, but it has not yet been finalised.

(d) and (e) Each wireless loop can take one telephone and as such the wireless local exchanges can provide a large number of telephone connections limited by the frequency bandwidth available.

Telecom. Services in Rural Areas

1379. SHRI V. HANUMANTHA RAO: Will the Minister of COMMUNICATIONS be pleased to state:

(a) whether Government's attention has been drawn to the news item in the Econo mic Time, dated 1st November, 1993 captioned "Rural Telecom Financially Viable" ;

(b) whether Government have taken note of the study of NCAER ;

(c) if so, what steps are proposed to be taken to extend telecom services in the rural areas ; and

(d) whether any particular type of techno logy is likely to be selected for rural areas ?

THE MINISTER OF STATE OF THE MINISTRY OF COMMUNICATIONS *(SHRI* SUKH RAM): (a) Yes, Sir.

(V) The NCAER is yet to submit its final report on the study to the Department of Telecommunications.

(c) and (d) Do not arise.

Setting up of TV Centre in Gangapar In Rajasthan

1380. SHRI SHIV CHARAN SINGH: Will the Minister of INFORMATION AND BROADCASTING be pleased to state:

(a) whether it is a fact that a proposal to set up a TV Station in Gangapur of Swai. Madhopur district of Rajasthan, has been approved;

(b) if so, whether all the arrangements including the acquisition of land for the building have been completed and by when this station will be commissioned;

(c) whether it is a fact that the plateau region of Karauli-Sapotra of the district will not get the benefit of the telecast from this centre; and

(d) whether it is proposed to set up another relay centre in Kailadevi; if so, by when ?

THE MINISTER OF STATE OF THE MINISTRY OF INFORMATION AND BROADCASTING (SHRI K. P. SINGH DEO): (a) Yes, Sir.

(b) Yes, Sir. The Low Power TV Transmitter (LPT) at Gangapur is ready and will be commissioned shortly.

(c) Though the intervening distance between Gangapur and Karauli is very large, Sapotra will get fringe service.

(d) No, Sir. Kailadevi, however, is expected to receive fringe service from the LPT at Gangapur.

Commissioning of new Telephone Exchanges in Bombay

1381. DR. SUBRAMANIAN SWAMY : Will the Minister of COMMUNICATIONS be pleased to state:

(a) which are the places in Bombay, where M. T. N. L. propose to commission new Telephone Exchanges or expand the existing exchanges; and

(b) what are the expansion programmes for the next 5 years ?

THE MINISTER OF STATE OF THE MINISTRY OF COMMUNICATIONS (SHRI SUKH RAM): (a) The names of exchanges where new installations/expansions have been done/planned during 1993-94, are given in the Statement.

. (b) The planned expansion in the switching capacity for 1994-95 is 2,83,800 lines. During the subsequent years viz. 1995-96, 1996-97, 1997-98, and 1998-99, it is planned to add about 1,50,000 lines of switching capacity every year.

(;') *Places in Bombay where new telephone exchanges have been commissioned/expanded up to 31-11-93*

Sl. No.	Name of Exchange
1	Cooperage-5
2	Fountain 3
3	Gamdevi 2
4	Malabar Hill 3
5	Wadala-2
6	Shivaji Park RLU
7.	Worli-3
8	Vile Parle-3
9	Andheri-1
10	Gokuldham RLU
11	Marol-4
12	Goregaon-1
13	Bhyander RLU
14	Mira Road RLU
15	Borivili RLU
16	Kandivili-2
17	Kandivili-3
18	Ghatkopar-2
19	Ghatkopar-3
20	Godrej RLU
21	Powai RLU
22	Mulund-3
23	Wagle Estate RLU
24	Mumbra RLU
25	Thane Cherai RLU
26	Thane RLU
27	Rabale RLU
28	Yashi RLU
29	Turbhe 3

(ii) Places in Bombay where new telephone exchanges are planned to be commissioned! expanded from 1-12-1993 to 31-3.1993

1	Wadala 2
2	Varsova RLU
3	Mankhurd-2
4	Thane Cherai
5	Mandvi
6	Malad
7	Kandivili
8	Marol-5